

Specifications

Technical

Product type	CCD (charge coupled device) still frame camera
Image size	640 x 480 pixels (high resolution) 320 x 240 pixels (standard resolution)
Bit depth	16 million colors, 24-bit
Serial interface	S-pin DIN (camera); B-pin DIN (Macintosh) cable adapter for RS-232C interface in PhotoPC Mac version

Internal memory	1MB flash memory
Optional expansion memory	2MB (0.5MB flash memory x 4 chips) 4MB (0.5MB flash memory x 8 chips)

Photographic

Lens	f = 6 mm (equivalent to a 43 mm lens on a 35 mm camera)
Range	2 ft (60 cm) to infinity
Exposure	Equivalent to ISO 130
Shutter	Automatic electronic shutter, 1/30 to 1/10,000 second
Viewfinder	Optical
Aperture	f5.6
Flash modes	Auto, forced flash, off
Flash range	3 ft to 10 ft (1 m to 3 m)

Physical Dimensions

Width	6.5 in. (166 mm)
Height	3.5 in. (88 mm)
Depth	1.9 in. (47 mm)
Weight	11 oz. (310 g) without batteries

Power

Sources	4 AA batteries (single-use alkaline, single-use lithium, or rechargeable NiCad) Optional AC adapter (A882421)
Consumption	Approximately 100 milliwatt at power-on Approximately 4 W during image processing Maximum 12 W during flash discharge

Batteries

Replace all four PhotoPC batteries with any of the following:

- ☐ Single-use AA alkaline batteries
- ☐ **Single-use** AA lithium batteries (longest battery life)
- ☐ Rechargeable AA Ni-Cad batteries.

Caution





To avoid the danger of fire or explosion, do not mix different types of batteries. Do not allow the battery contacts to touch metal objects such as coins or keys, which could short out the battery's circuits.

Note the following when handling batteries:

- ☐ Do not use manganese batteries.
- ☐ Replace all four batteries at the same time.
- ☐ Do not drop, puncture, disassemble, or mutilate batteries. Do not get them wet or expose them to fire.
- ☐ When the camera is not used for long periods of time, remove the batteries and store them at a low temperature in a dry location.
- ☐ Dispose of used batteries according to the battery manufacturer's instructions and in compliance with all applicable laws. Contact your local government agency for information about battery recycling and disposal.
- ☐ If you use rechargeable **Ni-Cad** batteries, replace them with four fully-charged batteries. If you find that your batteries run out faster after you recharge them a number of times, make sure you discharge them completely before recharging.

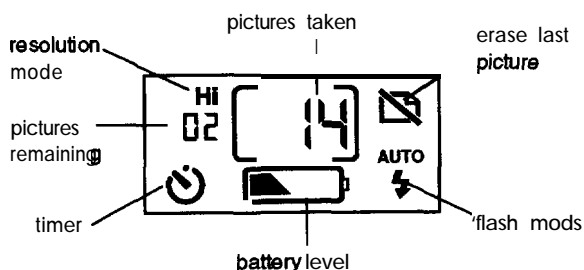
Checking the Battery Icon

Before you take pictures, check the battery icon on the control panel. The icon shows how much battery power you have left, in the following four stages:

-  Full battery power (or AC adapter in use)
-  **Battery** power is decreasing
-  Battery power is almost out
-  Change batteries

The Control Panel

The control panel keeps track of how many pictures have been taken and gives important information about the status of the battery and various settings.

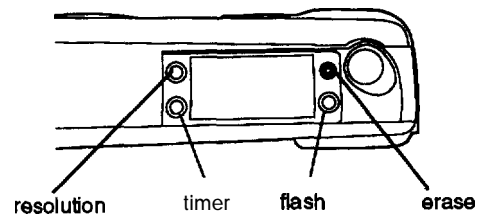


The Control Buttons

You can adjust the following settings using the control buttons on the top of the camera:




- ☐ **Flash**
- ☐ Resolution
- ☐ Timer.

All control button settings (except the timer) remain in effect even after you turn off the camera. However, they **return** to their factory settings when you remove or change the batteries.



Flash

The built-in flash has these three settings, which are effective within a range of 3 to 10 feet:

- AUTO**  **Auto** sets the flash to go off automatically whenever it's needed (factory setting)
-  **Forced flash** sets the flash to go off for every picture.
-  **Flash off** **disables** the flash even in inadequate lighting.

Resolution

The **PhotoPC** has the following two resolution settings:

- HI** High resolution images are captured at **640 × 480**; the camera can hold at least 16 pictures at high resolution
- S** **Standard** resolution images are captured at **320 × 240**; the camera can hold at least 32 pictures at this resolution

Timer

The timer sets a lo-second delay between the time the shutter button is pressed and the image is captured.

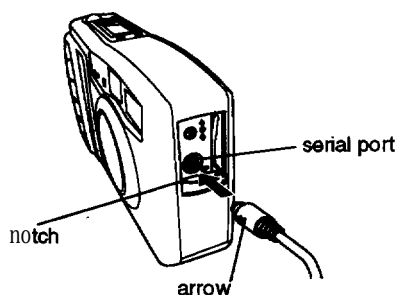
Erase

Press the erase button with a small pointed object to **erase** the last picture from the camera's memory.

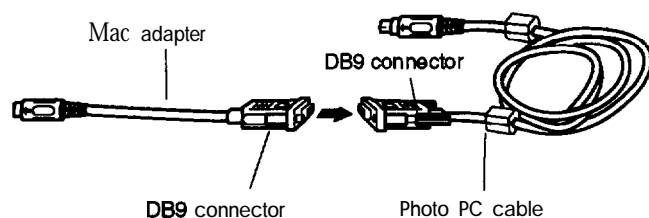
Connecting the Camera to the Macintosh

Follow these steps to connect the camera to the Macintosh to transfer pictures:

1. Press on the **arrows** on the camera's port cover and slide down the cover.



2. Align the cable connector with the camera's serial port as shown. If you are using the Mac Connectivity Kit cable, use the white end. If you are using the cable that came with the **PhotoPC** Mac version, use the long cable with the **DB9** connector. Attach the **DB9** connector to the DEW connector on the Mac adapter and tighten the screws.



3. Connect the other end of the cable or adapter to either the printer port or the modem port.
4. **Turn** on the camera and the Macintosh system. A frame appears around the picture counter on the control panel.

Note:

When **the** camera is connected to the **Macintosh**, you cannot use the shutter button or any of **the** control buttons.

Use **EasyPhoto** to transfer pictures to the Macintosh; see the *EPSON PhotoPC Macintosh User's Guide* for instructions.

Note:

EasyPhoto automatically chooses a speed that works with most Macintosh computers. You **can** experiment and choose the fastest speed **that** works **with** your system:

- ☐ 9600
- ☐ 29,200
- ☐ 38,400
- ☐ 57,600

Increasing port speed **will** make **pictures** transfer much more quickly to the Macintosh.

Maintenance

Care for the camera as follows:

- ☐ **Use** a clean, dry cloth to keep the camera free of dust.
 - ☐ **Do** not use harsh abrasive cleaners.
 - ☐ To clean the lens, blow off any loose dust; then breath on the lens and wipe off the moisture with a soft, lint-free cloth or lens cleaning tissue. To avoid scratching the lens, do not press too hard.
 - ☐ Cover the lens (power switched off) when you are not using the camera.
 - ☐ If necessary, clean the battery contacts with a dry cloth.
- In storage, do not expose the camera to the following:
- ☐ Direct sunlight, bright light sources, or heat sources (such as a closed car)
 - ☐ Excessive dust, dirt, humidity, strong vibrations, or magnetic fields.

Optional Accessories

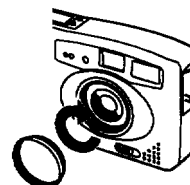
You can increase the camera's storage capacity by installing a 2MB or 4MB **PhotoSpan** memory module, as described in this table:

	1MB internal memory	With 2MB PhotoSpan A882401	With 4MB PhotoSpan A882411
Number of photos			
At high resolution	16	48	80
At standard resolution	32	96	160

See the *EPSON PhotoPC Macintosh User's Guide* for instructions on installing a **PhotoSpan** module.

You can connect the **PhotoPC** to a standard electrical outlet using the AC adapter (A882421, model PCDC002) to save power when transferring pictures to the Macintosh or operating the camera from the Macintosh. The adapter does not charge the camera's batteries.

You can use any standard 37mm video camcorder lens or filter with **PhotoPC**. To attach a lens, screw it on to **the** camera as shown:



Information Reference List

Engineering Change Notices

None.

Product Support Bulletins

None.

Technical Support Bulletins

None.

Related Documentation

CPD3585 PhotoPC Macintosh User's Guide